

**IN THE ABSTRACT:**

Kindly amend the Abstract of the Disclosure to read as follows:

A method and system for stopping an unmanned mine vehicle in a predetermined position. The mine vehicle (~~1, 1a, 1b~~) is driven at a low speed towards a physical obstacle (~~7, 7a, 7b~~). When the mine vehicle (~~1, 1a, 1b~~) encounters the obstacle (7, 7a, 7b), a speed difference greater than a predetermined limit value is generated between the speed of the mine vehicle and the driving power transmission (~~20~~). The control system of the mine vehicle (~~1, 1a, 1b~~) detects the exceeding of the limit value and stops the vehicle.